

ENGINEER'S ESTIMATE =					\$3,600,535.00							
REF. NO.	SPEC. NO.	DESCRIPTION	UNIT	QTY	Shelly & Sands 1515 Harmon Ave., Columbus, Oh 43216				Field's Excavating 177 Twp Rd. 191, Kitts Hill, Oh 45645			
					Material Unit	Labor Unit	Sum Unit	Extension Amount	Material Unit	Labor Unit	Sum Unit	Extension Amount
1	202	2" WATER MAIN REMOVE	EACH	1	0.00	500.00	500.00	500.00	128.00	768.00	896.00	896.00
2	252	PAVEMENT REPLACEMENT AS PER 1441 TYPE I	CY	122	100.00	230.00	330.00	40,260.00	108.80	256.00	364.80	44,505.60
3	252	PAVEMENT REPLACEMENT AS PER 1441 TYPE I, W/O HEAT SEALING	CY	889	100.00	30.00	130.00	115,570.00	108.80	134.40	243.20	216,204.80
4	252	DRIVEWAY REPLACEMENT AS PER 2160 TYPE III -A (ASPHALT) COMMERCIAL	CY	1	100.00	680.00	780.00	780.00	192.00	384.00	576.00	576.00
5	252	DRIVEWAY REPLACEMENT AS PER 2160 TYPE III -B (CONCRETE)	CY	2	100.00	500.00	600.00	1,200.00	192.00	384.00	576.00	1,152.00
6	253	TEMPORARY PAVEMENT	SY	3968	5.00	13.00	18.00	71,424.00	11.26	5.12	16.38	64,995.84
7	254	PAVEMENT PLANING	SY	9308	0.00	1.45	1.45	13,496.60	2.56	0.33	2.89	26,900.12
8	404	ASPHALT CONCRETE	TON	610	40.00	15.00	55.00	33,550.00	57.60	32.00	89.60	54,656.00
9	407	TACK COAT, BITUMINOUS (.1 GAL/SQ YD)	GAL	986	1.50	0.50	2.00	1,972.00	1.60	0.33	1.93	1,902.98
10	413	CRACK SEALING	LF	15234	0.50	0.50	1.00	15,234.00	1.05	0.03	1.08	16,452.72
11	608	CONCRETE WALK	SF	2240	2.25	4.00	6.25	14,000.00	1.92	4.16	6.08	13,619.20
12	609	STRAIGHT 18" CONCRETE CURB	LF	160	5.00	23.00	28.00	4,480.00	3.84	23.04	26.88	4,300.80
13	609	COMBINATION CURB AND GUTTER	LF	20	5.00	18.00	23.00	460.00	6.40	38.40	44.80	896.00
14	614	MAINTAINING TRAFFIC	LUMP	1	#####	#####	#####	233,400.00	#####	#####	#####	133,376.00
15	632	DETECTOR LOOP, AS PER PLAN	EACH	3	100.00	1,200.00	1,300.00	3,900.00	2,304.00	192.00	2,496.00	7,488.00
16	632	MICROWAVE UNIT	EACH	3	1,000.00	1,000.00	2,000.00	6,000.00	1,920.00	256.00	2,176.00	6,528.00
17	659	SEEDING AND MULCHING	SY	835	0.50	1.50	2.00	1,670.00	0.32	1.60	1.92	1,603.20
18	801	24" DUCTILE IRON WATER PIPE AND FITTINGS, CL 54	LF	7617	110.00	88.00	198.00	1,508,166.00	171.87	43.67	215.54	1,641,768.18
19	801	16" DUCTILE IRON WATER PIPE AND FITTINGS, CL 54	LF	10	500.00	500.00	1,000.00	10,000.00	453.44	32.10	485.54	4,855.40
20	801	12" DUCTILE IRON WATER PIPE AND FITTINGS, CL 54	LF	40	150.00	250.00	400.00	16,000.00	123.40	32.10	155.50	6,220.00
21	801	8" DUCTILE IRON WATER PIPE AND FITTINGS, CL 53	LF	64	100.00	200.00	300.00	19,200.00	97.69	32.10	129.79	8,306.56

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					Material Unit	Labor Unit	Sum Unit	Extension Amount	Material Unit	Labor Unit	Sum Unit	Extension Amount
22	801	6" DUCTILE IRON WATER PIPE AND FITTINGS, CL 53	LF	675	80.00	80.00	160.00	108,000.00	55.53	21.76	77.29	52,170.75
23	801	CONCRETE BLOCKING CLASS "C", INCREASE/DECREASE	CY	10	50.00	50.00	100.00	1,000.00	96.00	7.68	103.68	1,036.80
24	801	FITTINGS, INCREASE/DECREASE	LB	500	6.00	3.00	9.00	4,500.00	3.07	5.12	8.19	4,095.00
25	802	24" VALVE AND APPURTENANCES	EACH	10	4,000.00	800.00	4,800.00	48,000.00	5,980.16	608.00	6,588.16	65,881.60
26	802	16" VALVE AND APPURTENANCES	EACH	1	4,000.00	600.00	4,600.00	4,600.00	5,445.12	537.60	5,982.72	5,982.72
27	802	12" VALVE AND APPURTENANCES	EACH	3	1,800.00	200.00	2,000.00	6,000.00	1,747.20	320.00	2,067.20	6,201.60
28	802	8" VALVE AND APPURTENANCES	EACH	6	900.00	300.00	1,200.00	7,200.00	1,216.00	192.00	1,408.00	8,448.00
29	802	6" VALVE AND APPURTENANCES	EACH	55	600.00	200.00	800.00	44,000.00	692.48	128.00	820.48	45,126.40
30	805	4" WATER SERVICE TAP XFR'D, SHORT	EACH	2	3,400.00	1,800.00	5,200.00	10,400.00	576.00	128.00	704.00	1,408.00
31	805	3" WATER SERVICE TAP XFR'D, SHORT	EACH	1	3,200.00	2,000.00	5,200.00	5,200.00	3,856.64	1,798.40	5,655.04	5,655.04
32	805	2" WATER SERVICE TAP XFR'D, SHORT	EACH	1	2,000.00	400.00	2,400.00	2,400.00	1,652.48	1,798.40	3,450.88	3,450.88
33	805	1-1/2" WATER SERVICE TAP XFR'D, SHORT	EACH	1	2,000.00	400.00	2,400.00	2,400.00	1,487.36	1,798.40	3,285.76	3,285.76
34	805	1" WATER SERVICE TAP XFR'D, SHORT	EACH	3	800.00	200.00	1,000.00	3,000.00	1,195.52	464.64	1,660.16	4,980.48
35	805	3/4" WATER SERVICE TAP XFR'D, SHORT	EACH	44	800.00	450.00	1,250.00	55,000.00	236.80	464.64	701.44	30,863.36
36	805	6" WATER SERVICE TAP XFR'D, LONG	EACH	1	3,600.00	1,800.00	5,400.00	5,400.00	4,480.00	1,920.00	6,400.00	6,400.00
37	805	4" WATER SERVICE TAP XFR'D, LONG	EACH	2	3,200.00	2,000.00	5,200.00	10,400.00	7,328.00	3,596.80	10,924.80	21,849.60
38	805	3" WATER SERVICE TAP XFR'D, LONG	EACH	1	3,000.00	1,800.00	4,800.00	4,800.00	4,038.40	1,920.00	5,958.40	5,958.40
39	805	2" WATER SERVICE TAP XFR'D, LONG	EACH	1	1,500.00	1,000.00	2,500.00	2,500.00	1,693.44	1,920.00	3,613.44	3,613.44
40	805	1-1/2" WATER SERVICE TAP XFR'D, LONG	EACH	1	1,200.00	800.00	2,000.00	2,000.00	1,236.48	1,344.00	2,580.48	2,580.48
41	805	1" WATER SERVICE TAP XFR'D, LONG	EACH	7	800.00	700.00	1,500.00	10,500.00	416.00	847.36	1,263.36	8,843.52
42	805	3/4" WATER SERVICE TAP XFR'D, LONG	EACH	55	700.00	700.00	1,400.00	77,000.00	300.80	847.36	1,148.16	63,148.80
43	805	1" PITOMETER TAP	EACH	2	600.00	500.00	1,100.00	2,200.00	608.00	960.00	1,568.00	3,136.00
44	805	CURB BOX	EACH	120	85.00	30.00	115.00	13,800.00	33.28	38.40	71.68	8,601.60
45	808	CUT AND PLUG 16" WATER LINE	EACH	4	400.00	400.00	800.00	3,200.00	1,218.56	1,984.00	3,202.56	12,810.24
46	809	FIRE HYDRANT, TYPE A SETTING	EACH	16	800.00	700.00	1,500.00	24,000.00	3,790.08	608.00	4,398.08	70,369.28

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					Material Unit	Labor Unit	Sum Unit	Extension Amount	Material Unit	Labor Unit	Sum Unit	Extension Amount
47	809	FIRE HYDRANT, ABANDONED	EACH	13	100.00	400.00	500.00	6,500.00	256.00	320.00	576.00	7,488.00
48	810	6" HYDRANT EXTENSIONS	EACH	5	400.00	200.00	600.00	3,000.00	292.67	70.40	363.07	1,815.35
49	810	12" HYDRANT EXTENSIONS	EACH	5	450.00	200.00	650.00	3,250.00	341.63	70.40	412.03	2,060.15
50	810	18" HYDRANT EXTENSIONS	EACH	5	500.00	200.00	700.00	3,500.00	389.50	76.80	466.30	2,331.50
51	810	24" HYDRANT EXTENSIONS	EACH	5	550.00	200.00	750.00	3,750.00	439.55	108.80	548.35	2,741.75
52	811	INCREASE OR DECREASE IN EXCAVATION AND BACKFILL	CY	100	10.00	13.00	23.00	2,300.00	28.16	7.68	35.84	3,584.00
53	SPEC	1-1/2" WATER PIPE, PVC 200 PSI, SDR 21 (INC CORP STOP)	LF	5	90.00	90.00	180.00	900.00	116.48	128.00	244.48	1,222.40
54	SPEC	2" WATER PIPE, PVC 200 PSI, SDR 21 (INC CORP STOP)	LF	20	30.00	33.00	63.00	1,260.00	51.20	128.00	179.20	3,584.00
55	SPEC	SURVEY COORDINATES	LUMP	1	0.00	20,000.00	20,000.00	20,000.00	#####	2.56	17,410.56	17,410.56
Bidder's Subtotal								2,613,222.60				2,745,338.86
Force Account (15% of Subtotal)								391,983.39				411,800.83
<b>TOTAL PROJECT COSTS</b>								<b>\$ 3,005,205.99</b>				<b>\$ 3,157,139.69</b>
% DIFFERENCE FROM ENGINEER'S ESTIMATE								-17%				-12%
Bond Amount (Pg P-32)								\$300,520.60				\$320,000.00
Bonding Company (Pg P-32)								Ohio Farmers Insurance				International Fidelity
Proposal Bond Amount Required								\$300,520.60				\$315,713.97
Contract Compliance No. (Pg P-2a)								31-4351261				31-1451322
Non-Collusion Affidavit Completed? (Pg P-31)								Yes				Yes
Local Vendor? (Pg P-3)								Yes				No
Addendum Acknowledgement Completed? (Pg P-3)								Yes				Yes
Proposal Affidavit Completed? (Pg P-36)								Yes				Yes
								subs are C.C.				subs are C.C.

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REF. NO.	SPEC. NO.	DESCRIPTION	UNIT	QTY	Reynolds, Inc. 6451 Germantown Rd., Middletown, Oh 45042				Nickolas Savko & Sons 4636 Shuster Rd., Columbus, Oh 43214			
					Material Unit	Labor Unit	Sum Unit	Extension Amount	Material Unit	Labor Unit	Sum Unit	Extension Amount
1	202	2" WATER MAIN REMOVE	EACH	1	0.00	1,200.00	1,200.00	1,200.00	1,000.00	3,400.00	4,400.00	4,400.00
2	252	PAVEMENT REPLACEMENT AS PER 1441 TYPE I	CY	122	206.00	310.00	516.00	62,952.00	100.00	375.00	475.00	57,950.00
3	252	PAVEMENT REPLACEMENT AS PER 1441 TYPE I, W/O HEAT SEALING	CY	889	138.00	206.00	344.00	305,816.00	100.00	65.00	165.00	146,685.00
4	252	DRIVEWAY REPLACEMENT AS PER 2160 TYPE III -A (ASPHALT) COMMERCIAL	CY	1	230.00	344.00	574.00	574.00	60.00	550.00	610.00	610.00
5	252	DRIVEWAY REPLACEMENT AS PER 2160 TYPE III -B (CONCRETE)	CY	2	140.00	210.00	350.00	700.00	100.00	380.00	480.00	960.00
6	253	TEMPORARY PAVEMENT	SY	3968	7.25	12.00	19.25	76,384.00	8.00	0.50	8.50	33,728.00
7	254	PAVEMENT PLANING	SY	9308	0.64	0.96	1.60	14,892.80	0.00	2.00	2.00	18,616.00
8	404	ASPHALT CONCRETE	TON	610	32.00	49.00	81.00	49,410.00	60.00	24.00	84.00	51,240.00
9	407	TACK COAT, BITUMINOUS (.1 GAL/SQ YD)	GAL	986	0.94	1.41	2.35	2,317.10	1.00	0.80	1.80	1,774.80
10	413	CRACK SEALING	LF	15234	0.32	0.48	0.80	12,187.20	1.00	0.40	1.40	21,327.60
11	608	CONCRETE WALK	SF	2240	4.00	6.00	10.00	22,400.00	2.00	2.50	4.50	10,080.00
12	609	STRAIGHT 18" CONCRETE CURB	LF	160	47.00	71.00	118.00	18,880.00	4.00	19.00	23.00	3,680.00
13	609	COMBINATION CURB AND GUTTER	LF	20	60.00	90.00	150.00	3,000.00	6.00	21.00	27.00	540.00
14	614	MAINTAINING TRAFFIC	LUMP	1	#####	5,380.00	#####	26,900.00	1,000.00	#####	#####	115,000.00
15	632	DETECTOR LOOP, AS PER PLAN	EACH	3	1,160.00	1,740.00	2,900.00	8,700.00	500.00	775.00	1,275.00	3,825.00
16	632	MICROWAVE UNIT	EACH	3	480.00	720.00	1,200.00	3,600.00	1,500.00	1,100.00	2,600.00	7,800.00
17	659	SEEDING AND MULCHING	SY	835	3.00	4.00	7.00	5,845.00	0.50	1.50	2.00	1,670.00
18	801	24" DUCTILE IRON WATER PIPE AND FITTINGS, CL 54	LF	7617	113.00	76.00	189.00	1,439,613.00	130.00	110.00	240.00	1,828,080.00
19	801	16" DUCTILE IRON WATER PIPE AND FITTINGS, CL 54	LF	10	660.00	440.00	1,100.00	11,000.00	300.00	300.00	600.00	6,000.00
20	801	12" DUCTILE IRON WATER PIPE AND FITTINGS, CL 54	LF	40	315.00	210.00	525.00	21,000.00	80.00	320.00	400.00	16,000.00
21	801	8" DUCTILE IRON WATER PIPE AND FITTINGS, CL 53	LF	64	291.00	194.00	485.00	31,040.00	100.00	260.00	360.00	23,040.00

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					Material Unit	Labor Unit	Sum Unit	Extension Amount	Material Unit	Labor Unit	Sum Unit	Extension Amount
22	801	6" DUCTILE IRON WATER PIPE AND FITTINGS, CL 53	LF	675	135.00	90.00	225.00	151,875.00	50.00	90.00	140.00	94,500.00
23	801	CONCRETE BLOCKING CLASS "C", INCREASE/DECREASE	CY	10	60.00	40.00	100.00	1,000.00	78.00	2.00	80.00	800.00
24	801	FITTINGS, INCREASE/DECREASE	LB	500	1.75	0.00	1.75	875.00	2.00	0.50	2.50	1,250.00
25	802	24" VALVE AND APPURTENANCES	EACH	10	3,120.00	2,080.00	5,200.00	52,000.00	4,200.00	360.00	4,560.00	45,600.00
26	802	16" VALVE AND APPURTENANCES	EACH	1	3,240.00	2,160.00	5,400.00	5,400.00	4,300.00	330.00	4,630.00	4,630.00
27	802	12" VALVE AND APPURTENANCES	EACH	3	1,380.00	920.00	2,300.00	6,900.00	1,300.00	250.00	1,550.00	4,650.00
28	802	8" VALVE AND APPURTENANCES	EACH	6	990.00	660.00	1,650.00	9,900.00	720.00	140.00	860.00	5,160.00
29	802	6" VALVE AND APPURTENANCES	EACH	55	780.00	520.00	1,300.00	71,500.00	490.00	110.00	600.00	33,000.00
30	805	4" WATER SERVICE TAP XFR'D, SHORT	EACH	2	2,940.00	1,260.00	4,200.00	8,400.00	1,000.00	3,120.00	4,120.00	8,240.00
31	805	3" WATER SERVICE TAP XFR'D, SHORT	EACH	1	2,800.00	1,200.00	4,000.00	4,000.00	1,000.00	1,820.00	2,820.00	2,820.00
32	805	2" WATER SERVICE TAP XFR'D, SHORT	EACH	1	1,680.00	720.00	2,400.00	2,400.00	950.00	1,440.00	2,390.00	2,390.00
33	805	1-1/2" WATER SERVICE TAP XFR'D, SHORT	EACH	1	1,540.00	660.00	2,200.00	2,200.00	800.00	1,200.00	2,000.00	2,000.00
34	805	1" WATER SERVICE TAP XFR'D, SHORT	EACH	3	1,330.00	570.00	1,900.00	5,700.00	300.00	1,180.00	1,480.00	4,440.00
35	805	3/4" WATER SERVICE TAP XFR'D, SHORT	EACH	44	539.00	231.00	770.00	33,880.00	200.00	1,180.00	1,380.00	60,720.00
36	805	6" WATER SERVICE TAP XFR'D, LONG	EACH	1	4,200.00	1,800.00	6,000.00	6,000.00	1,400.00	4,080.00	5,480.00	5,480.00
37	805	4" WATER SERVICE TAP XFR'D, LONG	EACH	2	4,060.00	1,740.00	5,800.00	11,600.00	1,200.00	3,050.00	4,250.00	8,500.00
38	805	3" WATER SERVICE TAP XFR'D, LONG	EACH	1	3,570.00	1,530.00	5,100.00	5,100.00	1,200.00	2,130.00	3,330.00	3,330.00
39	805	2" WATER SERVICE TAP XFR'D, LONG	EACH	1	2,450.00	1,050.00	3,500.00	3,500.00	1,100.00	1,760.00	2,860.00	2,860.00
40	805	1-1/2" WATER SERVICE TAP XFR'D, LONG	EACH	1	2,240.00	960.00	3,200.00	3,200.00	900.00	1,530.00	2,430.00	2,430.00
41	805	1" WATER SERVICE TAP XFR'D, LONG	EACH	7	1,540.00	660.00	2,200.00	15,400.00	800.00	1,530.00	2,330.00	16,310.00
42	805	3/4" WATER SERVICE TAP XFR'D, LONG	EACH	55	875.00	375.00	1,250.00	68,750.00	300.00	1,560.00	1,860.00	102,300.00
43	805	1" PITOMETER TAP	EACH	2	1,190.00	510.00	1,700.00	3,400.00	400.00	410.00	810.00	1,620.00
44	805	CURB BOX	EACH	120	87.00	38.00	125.00	15,000.00	25.00	1.00	26.00	3,120.00
45	808	CUT AND PLUG 16" WATER LINE	EACH	4	750.00	1,750.00	2,500.00	10,000.00	1,000.00	1,500.00	2,500.00	10,000.00
46	809	FIRE HYDRANT, TYPE A SETTING	EACH	16	3,420.00	2,280.00	5,700.00	91,200.00	1,000.00	450.00	1,450.00	23,200.00

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					Material Unit	Labor Unit	Sum Unit	Extension Amount	Material Unit	Labor Unit	Sum Unit	Extension Amount	
47	809	FIRE HYDRANT, ABANDONED	EACH	13	1,020.00	680.00	1,700.00	22,100.00	200.00	680.00	880.00	11,440.00	
48	810	6" HYDRANT EXTENSIONS	EACH	5	180.00	120.00	300.00	1,500.00	210.00	20.00	230.00	1,150.00	
49	810	12" HYDRANT EXTENSIONS	EACH	5	225.00	150.00	375.00	1,875.00	240.00	20.00	260.00	1,300.00	
50	810	18" HYDRANT EXTENSIONS	EACH	5	255.00	170.00	425.00	2,125.00	260.00	20.00	280.00	1,400.00	
51	810	24" HYDRANT EXTENSIONS	EACH	5	300.00	200.00	500.00	2,500.00	280.00	20.00	300.00	1,500.00	
52	811	INCREASE OR DECREASE IN EXCAVATION AND BACKFILL	CY	100	18.00	12.00	30.00	3,000.00	5.00	5.00	10.00	1,000.00	
53	SPEC	1-1/2" WATER PIPE, PVC 200 PSI, SDR 21 (INC CORP STOP)	LF	5	150.00	225.00	375.00	1,875.00	80.00	40.00	120.00	600.00	
54	SPEC	2" WATER PIPE, PVC 200 PSI, SDR 21 (INC CORP STOP)	LF	20	64.00	96.00	160.00	3,200.00	40.00	35.00	75.00	1,500.00	
55	SPEC	SURVEY COORDINATES	LUMP	1	0.00	#####	#####	16,000.00	0.00	7,500.00	7,500.00	7,500.00	
Bidder's Subtotal									2,761,766.10				
Force Account (15% of Subtotal)									414,264.92				
<b>TOTAL PROJECT COSTS</b>									<b>\$ 3,176,031.02</b>				
% DIFFERENCE FROM ENGINEER'S ESTIMATE									-12%				
Bond Amount (Pg P-32)									\$317,604.00				
Bonding Company (Pg P-32)									Travelers Casualty and	Ohio Farmers Insurance Co.			
Proposal Bond Amount Required									\$317,603.10				
Contract Compliance No. (Pg P-2a)									20-3512785				
Non-Collusion Affidavit Completed? (Pg P-31)									Yes				
Local Vendor? (Pg P-3)									No				
Addendum Acknowledgement Completed? (Pg P-3)									Yes				
Proposal Affidavit Completed? (Pg P-36)									Yes				
					proposed sub: Bridges				Math error on bid fixed				

ENGINEER'S ESTIMATE =					\$3,600,53					
REF. NO.	SPEC. NO.	DESCRIPTION	UNIT	QTY	Elite Excavating Co. of Ohio 4500 Snodgrass Rd., Mansfield, Oh 44903				John Eramo & Sons 3670 Lacon Rd., Hilliard, Oh 43026	
					Material Unit	Labor Unit	Sum Unit	Extension Amount	Unit Price	Extension Amount
1	202	2" WATER MAIN REMOVE	EACH	1	900.00	600.00	1,500.00	1,500.00	525.00	525.00
2	252	PAVEMENT REPLACEMENT AS PER 1441 TYPE I	CY	122	390.00	260.00	650.00	79,300.00	531.11	64,795.42
3	252	PAVEMENT REPLACEMENT AS PER 1441 TYPE I, W/O HEAT SEALING	CY	889	150.00	105.00	255.00	226,695.00	207.88	184,805.32
4	252	DRIVEWAY REPLACEMENT AS PER 2160 TYPE III -A (ASPHALT) COMMERCIAL	CY	1	570.00	380.00	950.00	950.00	819.00	819.00
5	252	DRIVEWAY REPLACEMENT AS PER 2160 TYPE III -B (CONCRETE)	CY	2	300.00	200.00	500.00	1,000.00	420.00	840.00
6	253	TEMPORARY PAVEMENT	SY	3968	9.00	6.00	15.00	59,520.00	15.75	62,496.00
7	254	PAVEMENT PLANING	SY	9308	1.20	0.80	2.00	18,616.00	1.52	14,148.16
8	404	ASPHALT CONCRETE	TON	610	54.00	36.00	90.00	54,900.00	57.75	35,227.50
9	407	TACK COAT, BITUMINOUS (.1 GAL/SQ YD)	GAL	986	1.20	0.80	2.00	1,972.00	2.10	2,070.60
10	413	CRACK SEALING	LF	15234	0.90	0.60	1.50	22,851.00	1.10	16,757.40
11	608	CONCRETE WALK	SF	2240	3.00	2.00	5.00	11,200.00	5.25	11,760.00
12	609	STRAIGHT 18" CONCRETE CURB	LF	160	24.00	16.00	40.00	6,400.00	26.25	4,200.00
13	609	COMBINATION CURB AND GUTTER	LF	20	42.00	28.00	70.00	1,400.00	31.50	630.00
14	614	MAINTAINING TRAFFIC	LUMP	1	#####	#####	#####	150,000.00	102,472.65	102,472.65
15	632	DETECTOR LOOP, AS PER PLAN	EACH	3	750.00	500.00	1,250.00	3,750.00	1,365.00	4,095.00
16	632	MICROWAVE UNIT	EACH	3	1,500.00	1,000.00	2,500.00	7,500.00	1,365.00	4,095.00
17	659	SEEDING AND MULCHING	SY	835	9.00	6.00	15.00	12,525.00	3.15	2,630.25
18	801	24" DUCTILE IRON WATER PIPE AND FITTINGS, CL 54	LF	7617	132.00	88.00	220.00	1,675,740.00	213.75	1,628,133.75
19	801	16" DUCTILE IRON WATER PIPE AND FITTINGS, CL 54	LF	10	900.00	600.00	1,500.00	15,000.00	872.30	8,723.00
20	801	12" DUCTILE IRON WATER PIPE AND FITTINGS, CL 54	LF	40	480.00	320.00	800.00	32,000.00	319.86	12,794.40
21	801	8" DUCTILE IRON WATER PIPE AND FITTINGS, CL 53	LF	64	420.00	280.00	700.00	44,800.00	316.39	20,248.96

ENGINEER'S ESTIMATE =				\$3,600,53							
REF. NO.	SPEC. NO.	DESCRIPTION	UNIT	QTY	Elite Excavating Co. of Ohio 4500 Snodgrass Rd., Mansfield, Oh 44903				John Eramo & Sons 3670 Lacon Rd., Hilliard, Oh 43026		
					Material Unit	Labor Unit	Sum Unit	Extension Amount	Unit Price	Extension Amount	
22	801	6" DUCTILE IRON WATER PIPE AND FITTINGS, CL 53	LF	675	120.00	80.00	200.00	135,000.00	298.12	201,231.00	
23	801	CONCRETE BLOCKING CLASS "C", INCREASE/DECREASE	CY	10	90.00	60.00	150.00	1,500.00	99.75	997.50	
24	801	FITTINGS, INCREASE/DECREASE	LB	500	3.00	2.00	5.00	2,500.00	2.40	1,200.00	
25	802	24" VALVE AND APPURTENANCES	EACH	10	4,800.00	3,200.00	8,000.00	80,000.00	4,343.00	43,430.00	
26	802	16" VALVE AND APPURTENANCES	EACH	1	3,300.00	2,200.00	5,500.00	5,500.00	4,091.00	4,091.00	
27	802	12" VALVE AND APPURTENANCES	EACH	3	900.00	600.00	1,500.00	4,500.00	1,431.53	4,294.59	
28	802	8" VALVE AND APPURTENANCES	EACH	6	600.00	400.00	1,000.00	6,000.00	863.00	5,178.00	
29	802	6" VALVE AND APPURTENANCES	EACH	55	360.00	240.00	600.00	33,000.00	658.00	36,190.00	
30	805	4" WATER SERVICE TAP XFR'D, SHORT	EACH	2	3,000.00	2,000.00	5,000.00	10,000.00	7,149.00	14,298.00	
31	805	3" WATER SERVICE TAP XFR'D, SHORT	EACH	1	3,000.00	2,000.00	5,000.00	5,000.00	7,009.23	7,009.23	
32	805	2" WATER SERVICE TAP XFR'D, SHORT	EACH	1	1,200.00	800.00	2,000.00	2,000.00	6,339.80	6,339.80	
33	805	1-1/2" WATER SERVICE TAP XFR'D, SHORT	EACH	1	1,100.00	700.00	1,800.00	1,800.00	3,374.00	3,374.00	
34	805	1" WATER SERVICE TAP XFR'D, SHORT	EACH	3	660.00	440.00	1,100.00	3,300.00	2,802.52	8,407.56	
35	805	3/4" WATER SERVICE TAP XFR'D, SHORT	EACH	44	600.00	400.00	1,000.00	44,000.00	2,947.31	129,681.64	
36	805	6" WATER SERVICE TAP XFR'D, LONG	EACH	1	3,600.00	2,400.00	6,000.00	6,000.00	7,401.80	7,401.80	
37	805	4" WATER SERVICE TAP XFR'D, LONG	EACH	2	3,600.00	2,400.00	6,000.00	12,000.00	7,151.00	14,302.00	
38	805	3" WATER SERVICE TAP XFR'D, LONG	EACH	1	3,600.00	2,400.00	6,000.00	6,000.00	7,300.39	7,300.39	
39	805	2" WATER SERVICE TAP XFR'D, LONG	EACH	1	1,200.00	800.00	2,000.00	2,000.00	6,324.40	6,324.40	
40	805	1-1/2" WATER SERVICE TAP XFR'D, LONG	EACH	1	1,100.00	700.00	1,800.00	1,800.00	5,874.00	5,874.00	
41	805	1" WATER SERVICE TAP XFR'D, LONG	EACH	7	720.00	480.00	1,200.00	8,400.00	3,015.99	21,111.93	
42	805	3/4" WATER SERVICE TAP XFR'D, LONG	EACH	55	540.00	360.00	900.00	49,500.00	3,344.83	183,965.65	
43	805	1" PITOMETER TAP	EACH	2	300.00	200.00	500.00	1,000.00	2,975.00	5,950.00	
44	805	CURB BOX	EACH	120	18.00	12.00	30.00	3,600.00	60.30	7,236.00	
45	808	CUT AND PLUG 16" WATER LINE	EACH	4	2,100.00	1,400.00	3,500.00	14,000.00	6,421.00	25,684.00	
46	809	FIRE HYDRANT, TYPE A SETTING	EACH	16	3,400.00	2,200.00	5,600.00	89,600.00	2,713.33	43,413.28	



ENGINEER'S ESTIMATE =					\$3,600,53							
REF. NO.	SPEC. NO.	DESCRIPTION	UNIT	QTY	Kokosing Construction Co. 886 McKinley Ave., Columbus, Oh 43222				Stover & Turner Excavating 7500 Industrial Parkway, Plain City, Oh 43064			
					Material Unit	Labor Unit	Sum Unit	Extension Amount	Material Unit	Labor Unit	Sum Unit	Extension Amount
1	202	2" WATER MAIN REMOVE	EACH	1	200.00	2,000.00	2,200.00	2,200.00	1,000.00	1,870.00	2,870.00	2,870.00
2	252	PAVEMENT REPLACEMENT AS PER 1441 TYPE I	CY	122	300.00	200.00	500.00	61,000.00	340.00	182.00	522.00	63,684.00
3	252	PAVEMENT REPLACEMENT AS PER 1441 TYPE I, W/O HEAT SEALING	CY	889	100.00	100.00	200.00	177,800.00	132.00	71.00	203.00	180,467.00
4	252	DRIVEWAY REPLACEMENT AS PER 2160 TYPE III -A (ASPHALT) COMMERCIAL	CY	1	500.00	500.00	1,000.00	1,000.00	400.00	200.00	600.00	600.00
5	252	DRIVEWAY REPLACEMENT AS PER 2160 TYPE III -B (CONCRETE)	CY	2	300.00	220.00	520.00	1,040.00	300.00	150.00	450.00	900.00
6	253	TEMPORARY PAVEMENT	SY	3968	8.00	3.00	11.00	43,648.00	12.50	6.75	19.25	76,384.00
7	254	PAVEMENT PLANING	SY	9308	0.25	1.00	1.25	11,635.00	0.00	1.43	1.43	13,310.44
8	404	ASPHALT CONCRETE	TON	610	35.00	15.00	50.00	30,500.00	57.00	30.00	87.00	53,070.00
9	407	TACK COAT, BITUMINOUS (.1 GAL/SQ YD)	GAL	986	1.00	0.45	1.45	1,429.70	2.00	1.00	3.00	2,958.00
10	413	CRACK SEALING	LF	15234	0.75	0.25	1.00	15,234.00	0.75	0.40	1.15	17,519.10
11	608	CONCRETE WALK	SF	2240	6.00	6.00	12.00	26,880.00	4.10	2.10	6.20	13,888.00
12	609	STRAIGHT 18" CONCRETE CURB	LF	160	20.00	20.00	40.00	6,400.00	26.00	14.00	40.00	6,400.00
13	609	COMBINATION CURB AND GUTTER	LF	20	30.00	30.00	60.00	1,200.00	26.00	14.00	40.00	800.00
14	614	MAINTAINING TRAFFIC	LUMP	1	#####	#####	90,000.00	90,000.00	75,000.00	#####	#####	120,000.00
15	632	DETECTOR LOOP, AS PER PLAN	EACH	3	230.00	1,000.00	1,230.00	3,690.00	1,000.00	500.00	1,500.00	4,500.00
16	632	MICROWAVE UNIT	EACH	3	900.00	1,000.00	1,900.00	5,700.00	1,000.00	500.00	1,500.00	4,500.00
17	659	SEEDING AND MULCHING	SY	835	1.00	4.00	5.00	4,175.00	0.75	0.75	1.50	1,252.50
18	801	24" DUCTILE IRON WATER PIPE AND FITTINGS, CL 54	LF	7617	100.00	132.70	232.70	1,772,475.90	138.00	74.00	212.00	1,614,804.00
19	801	16" DUCTILE IRON WATER PIPE AND FITTINGS, CL 54	LF	10	500.00	1,100.00	1,600.00	16,000.00	436.00	234.00	670.00	6,700.00
20	801	12" DUCTILE IRON WATER PIPE AND FITTINGS, CL 54	LF	40	250.00	300.00	550.00	22,000.00	195.00	105.00	300.00	12,000.00
21	801	8" DUCTILE IRON WATER PIPE AND FITTINGS, CL 53	LF	64	200.00	250.00	450.00	28,800.00	175.00	95.00	270.00	17,280.00

ENGINEER'S ESTIMATE =				\$3,600,53								
REF. NO.	SPEC. NO.	DESCRIPTION	UNIT	QTY	Kokosing Construction Co. 886 McKinley Ave., Columbus, Oh 43222				Stover & Turner Excavating 7500 Industrial Parkway, Plain City, Oh 43064			
					Material Unit	Labor Unit	Sum Unit	Extension Amount	Material Unit	Labor Unit	Sum Unit	Extension Amount
22	801	6" DUCTILE IRON WATER PIPE AND FITTINGS, CL 53	LF	675	100.00	120.00	220.00	148,500.00	88.00	50.00	138.00	93,150.00
23	801	CONCRETE BLOCKING CLASS "C", INCREASE/DECREASE	CY	10	80.00	10.00	90.00	900.00	90.00	10.00	100.00	1,000.00
24	801	FITTINGS, INCREASE/DECREASE	LB	500	2.40	0.10	2.50	1,250.00	2.50	0.50	3.00	1,500.00
25	802	24" VALVE AND APPURTENANCES	EACH	10	4,000.00	1,000.00	5,000.00	50,000.00	4,285.00	2,306.00	6,591.00	65,910.00
26	802	16" VALVE AND APPURTENANCES	EACH	1	3,500.00	1,000.00	4,500.00	4,500.00	3,555.00	1,915.00	5,470.00	5,470.00
27	802	12" VALVE AND APPURTENANCES	EACH	3	1,000.00	600.00	1,600.00	4,800.00	1,437.00	773.00	2,210.00	6,630.00
28	802	8" VALVE AND APPURTENANCES	EACH	6	800.00	200.00	1,000.00	6,000.00	750.00	315.00	1,065.00	6,390.00
29	802	6" VALVE AND APPURTENANCES	EACH	55	600.00	100.00	700.00	38,500.00	650.00	400.00	1,050.00	57,750.00
30	805	4" WATER SERVICE TAP XFR'D, SHORT	EACH	2	1,500.00	4,000.00	5,500.00	11,000.00	4,320.00	2,320.00	6,640.00	13,280.00
31	805	3" WATER SERVICE TAP XFR'D, SHORT	EACH	1	1,500.00	4,000.00	5,500.00	5,500.00	4,685.00	2,524.00	7,209.00	7,209.00
32	805	2" WATER SERVICE TAP XFR'D, SHORT	EACH	1	1,000.00	1,500.00	2,500.00	2,500.00	4,085.00	2,200.00	6,285.00	6,285.00
33	805	1-1/2" WATER SERVICE TAP XFR'D, SHORT	EACH	1	1,000.00	1,200.00	2,200.00	2,200.00	4,322.00	2,328.00	6,650.00	6,650.00
34	805	1" WATER SERVICE TAP XFR'D, SHORT	EACH	3	800.00	1,000.00	1,800.00	5,400.00	3,640.00	1,960.00	5,600.00	16,800.00
35	805	3/4" WATER SERVICE TAP XFR'D, SHORT	EACH	44	600.00	1,000.00	1,600.00	70,400.00	2,216.00	1,194.00	3,410.00	150,040.00
36	805	6" WATER SERVICE TAP XFR'D, LONG	EACH	1	1,500.00	3,500.00	5,000.00	5,000.00	7,150.00	3,850.00	11,000.00	11,000.00
37	805	4" WATER SERVICE TAP XFR'D, LONG	EACH	2	1,500.00	4,500.00	6,000.00	12,000.00	7,800.00	4,200.00	12,000.00	24,000.00
38	805	3" WATER SERVICE TAP XFR'D, LONG	EACH	1	1,500.00	4,500.00	6,000.00	6,000.00	9,100.00	4,900.00	14,000.00	14,000.00
39	805	2" WATER SERVICE TAP XFR'D, LONG	EACH	1	1,000.00	1,800.00	2,800.00	2,800.00	4,425.00	2,380.00	6,805.00	6,805.00
40	805	1-1/2" WATER SERVICE TAP XFR'D, LONG	EACH	1	1,000.00	1,600.00	2,600.00	2,600.00	4,175.00	2,250.00	6,425.00	6,425.00
41	805	1" WATER SERVICE TAP XFR'D, LONG	EACH	7	1,000.00	1,200.00	2,200.00	15,400.00	3,395.00	1,825.00	5,220.00	36,540.00
42	805	3/4" WATER SERVICE TAP XFR'D, LONG	EACH	55	900.00	1,200.00	2,100.00	115,500.00	2,291.00	1,235.00	3,526.00	193,930.00
43	805	1" PITOMETER TAP	EACH	2	500.00	500.00	1,000.00	2,000.00	1,500.00	1,000.00	2,500.00	5,000.00
44	805	CURB BOX	EACH	120	50.00	40.00	90.00	10,800.00	50.00	200.00	250.00	30,000.00
45	808	CUT AND PLUG 16" WATER LINE	EACH	4	2,000.00	4,000.00	6,000.00	24,000.00	4,515.00	2,430.00	6,945.00	27,780.00
46	809	FIRE HYDRANT, TYPE A SETTING	EACH	16	2,000.00	3,500.00	5,500.00	88,000.00	3,850.00	1,650.00	5,500.00	88,000.00

ENGINEER'S ESTIMATE =					\$3,600,53								
REF. NO.	SPEC. NO.	DESCRIPTION	UNIT	QTY	Kokosing Construction Co. 886 McKinley Ave., Columbus, Oh 43222				Stover & Turner Excavating 7500 Industrial Parkway, Plain City, Oh 43064				
					Material Unit	Labor Unit	Sum Unit	Extension Amount	Material Unit	Labor Unit	Sum Unit	Extension Amount	
47	809	FIRE HYDRANT, ABANDONED	EACH	13	500.00	1,000.00	1,500.00	19,500.00	100.00	900.00	1,000.00	13,000.00	
48	810	6" HYDRANT EXTENSIONS	EACH	5	300.00	150.00	450.00	2,250.00	250.00	200.00	450.00	2,250.00	
49	810	12" HYDRANT EXTENSIONS	EACH	5	350.00	150.00	500.00	2,500.00	275.00	225.00	500.00	2,500.00	
50	810	18" HYDRANT EXTENSIONS	EACH	5	375.00	150.00	525.00	2,625.00	300.00	250.00	550.00	2,750.00	
51	810	24" HYDRANT EXTENSIONS	EACH	5	400.00	150.00	550.00	2,750.00	350.00	275.00	625.00	3,125.00	
52	811	INCREASE OR DECREASE IN EXCAVATION AND BACKFILL	CY	100	3.00	14.00	17.00	1,700.00	0.00	10.00	10.00	1,000.00	
53	SPEC	1-1/2" WATER PIPE, PVC 200 PSI, SDR 21 (INC CORP STOP)	LF	5	30.00	70.00	100.00	500.00	280.00	155.00	435.00	2,175.00	
54	SPEC	2" WATER PIPE, PVC 200 PSI, SDR 21 (INC CORP STOP)	LF	20	30.00	20.00	50.00	1,000.00	241.00	129.00	370.00	7,400.00	
55	SPEC	SURVEY COORDINATES	LUMP	1	5,000.00	#####	45,000.00	45,000.00	0.00	5,000.00	5,000.00	5,000.00	
Bidder's Subtotal									3,036,182.60				
Force Account (15% of Subtotal)									455,427.39				
<b>TOTAL PROJECT COSTS</b>									<b>\$ 3,491,609.99</b>				
% DIFFERENCE FROM ENGINEER'S ESTIMATE									-3%	0%			
Bond Amount (Pg P-32)									\$349,161.00	\$360,482.57			
Bonding Company (Pg P-32)									Liberty Mutual Insurance	Western Surety Company			
Proposal Bond Amount Required									\$349,161.00	\$360,482.57			
Contract Compliance No. (Pg P-2a)									31-1023518	20-5075542			
Non-Collusion Affidavit Completed? (Pg P-31)									Yes	Yes			
Local Vendor? (Pg P-3)									Yes	No			
Addendum Acknowledgement Completed? (Pg P-3)									Yes	Yes			
Proposal Affidavit Completed? (Pg P-36)									Yes	Yes			
					subs are C.C.				Math error on bid fixed				

ENGINEER'S ESTIMATE =					\$3,600,53							
REF. NO.	SPEC. NO.	DESCRIPTION	UNIT	QTY	Complete General Construction Co. 1221 E. Fifth Ave., Columbus, Oh 43219				George J. Igel & Co. 2040 Alum Creek Dr., Columbus, Oh 43207			
					Material Unit	Labor Unit	Sum Unit	Extension Amount	Material Unit	Labor Unit	Sum Unit	Extension Amount
1	202	2" WATER MAIN REMOVE	EACH	1	40.00	60.00	100.00	100.00	0.00	1,400.00	1,400.00	1,400.00
2	252	PAVEMENT REPLACEMENT AS PER 1441 TYPE I	CY	122	400.00	250.00	650.00	79,300.00	300.00	460.00	760.00	92,720.00
3	252	PAVEMENT REPLACEMENT AS PER 1441 TYPE I, W/O HEAT SEALING	CY	889	150.00	100.00	250.00	222,250.00	100.00	160.00	260.00	231,140.00
4	252	DRIVEWAY REPLACEMENT AS PER 2160 TYPE III -A (ASPHALT) COMMERCIAL	CY	1	115.00	100.00	215.00	215.00	400.00	580.00	980.00	980.00
5	252	DRIVEWAY REPLACEMENT AS PER 2160 TYPE III -B (CONCRETE)	CY	2	200.00	150.00	350.00	700.00	200.00	380.00	580.00	1,160.00
6	253	TEMPORARY PAVEMENT	SY	3968	4.00	3.00	7.00	27,776.00	15.00	18.50	33.50	132,928.00
7	254	PAVEMENT PLANING	SY	9308	1.25	1.00	2.25	20,943.00	0.00	1.50	1.50	13,962.00
8	404	ASPHALT CONCRETE	TON	610	68.00	30.00	98.00	59,780.00	26.00	30.00	56.00	34,160.00
9	407	TACK COAT, BITUMINOUS (.1 GAL/SQ YD)	GAL	986	1.00	0.50	1.50	1,479.00	1.00	1.00	2.00	1,972.00
10	413	CRACK SEALING	LF	15234	0.50	0.35	0.85	12,948.90	0.50	0.50	1.00	15,234.00
11	608	CONCRETE WALK	SF	2240	3.00	2.25	5.25	11,760.00	3.00	3.25	6.25	14,000.00
12	609	STRAIGHT 18" CONCRETE CURB	LF	160	15.00	10.00	25.00	4,000.00	40.00	60.00	100.00	16,000.00
13	609	COMBINATION CURB AND GUTTER	LF	20	18.00	14.00	32.00	640.00	25.00	34.00	59.00	1,180.00
14	614	MAINTAINING TRAFFIC	LUMP	1	#####	#####	30,000.00	30,000.00	80,000.00	#####	#####	187,000.00
15	632	DETECTOR LOOP, AS PER PLAN	EACH	3	900.00	600.00	1,500.00	4,500.00	650.00	650.00	1,300.00	3,900.00
16	632	MICROWAVE UNIT	EACH	3	700.00	400.00	1,100.00	3,300.00	650.00	650.00	1,300.00	3,900.00
17	659	SEEDING AND MULCHING	SY	835	0.60	0.40	1.00	835.00	1.50	1.50	3.00	2,505.00
18	801	24" DUCTILE IRON WATER PIPE AND FITTINGS, CL 54	LF	7617	159.00	100.00	259.00	1,972,803.00	100.00	146.00	246.00	1,873,782.00
19	801	16" DUCTILE IRON WATER PIPE AND FITTINGS, CL 54	LF	10	300.00	275.00	575.00	5,750.00	970.00	1,000.00	1,970.00	19,700.00
20	801	12" DUCTILE IRON WATER PIPE AND FITTINGS, CL 54	LF	40	350.00	150.00	500.00	20,000.00	300.00	400.00	700.00	28,000.00
21	801	8" DUCTILE IRON WATER PIPE AND FITTINGS, CL 53	LF	64	300.00	100.00	400.00	25,600.00	400.00	590.00	990.00	63,360.00

ENGINEER'S ESTIMATE =				\$3,600,53								
REF. NO.	SPEC. NO.	DESCRIPTION	UNIT	QTY	Complete General Construction Co. 1221 E. Fifth Ave., Columbus, Oh 43219				George J. Igel & Co. 2040 Alum Creek Dr., Columbus, Oh 43207			
					Material Unit	Labor Unit	Sum Unit	Extension Amount	Material Unit	Labor Unit	Sum Unit	Extension Amount
22	801	6" DUCTILE IRON WATER PIPE AND FITTINGS, CL 53	LF	675	125.00	100.00	225.00	151,875.00	200.00	230.00	430.00	290,250.00
23	801	CONCRETE BLOCKING CLASS "C", INCREASE/DECREASE	CY	10	60.00	40.00	100.00	1,000.00	76.00	0.00	76.00	760.00
24	801	FITTINGS, INCREASE/DECREASE	LB	500	1.50	1.00	2.50	1,250.00	2.40	0.00	2.40	1,200.00
25	802	24" VALVE AND APPURTENANCES	EACH	10	4,000.00	1,600.00	5,600.00	56,000.00	3,000.00	3,730.00	6,730.00	67,300.00
26	802	16" VALVE AND APPURTENANCES	EACH	1	3,000.00	1,500.00	4,500.00	4,500.00	3,000.00	3,620.00	6,620.00	6,620.00
27	802	12" VALVE AND APPURTENANCES	EACH	3	1,000.00	650.00	1,650.00	4,950.00	1,000.00	1,420.00	2,420.00	7,260.00
28	802	8" VALVE AND APPURTENANCES	EACH	6	700.00	300.00	1,000.00	6,000.00	800.00	930.00	1,730.00	10,380.00
29	802	6" VALVE AND APPURTENANCES	EACH	55	500.00	275.00	775.00	42,625.00	500.00	560.00	1,060.00	58,300.00
30	805	4" WATER SERVICE TAP XFR'D, SHORT	EACH	2	4,000.00	3,000.00	7,000.00	14,000.00	2,000.00	3,560.00	5,560.00	11,120.00
31	805	3" WATER SERVICE TAP XFR'D, SHORT	EACH	1	3,000.00	1,000.00	4,000.00	4,000.00	2,000.00	4,680.00	6,680.00	6,680.00
32	805	2" WATER SERVICE TAP XFR'D, SHORT	EACH	1	2,000.00	1,000.00	3,000.00	3,000.00	1,000.00	1,090.00	2,090.00	2,090.00
33	805	1-1/2" WATER SERVICE TAP XFR'D, SHORT	EACH	1	1,800.00	1,000.00	2,800.00	2,800.00	770.00	1,000.00	1,770.00	1,770.00
34	805	1" WATER SERVICE TAP XFR'D, SHORT	EACH	3	1,400.00	1,000.00	2,400.00	7,200.00	400.00	700.00	1,100.00	3,300.00
35	805	3/4" WATER SERVICE TAP XFR'D, SHORT	EACH	44	1,100.00	1,000.00	2,100.00	92,400.00	400.00	850.00	1,250.00	55,000.00
36	805	6" WATER SERVICE TAP XFR'D, LONG	EACH	1	5,000.00	2,600.00	7,600.00	7,600.00	3,000.00	4,630.00	7,630.00	7,630.00
37	805	4" WATER SERVICE TAP XFR'D, LONG	EACH	2	5,000.00	2,500.00	7,500.00	15,000.00	2,500.00	4,860.00	7,360.00	14,720.00
38	805	3" WATER SERVICE TAP XFR'D, LONG	EACH	1	3,000.00	1,200.00	4,200.00	4,200.00	3,000.00	4,510.00	7,510.00	7,510.00
39	805	2" WATER SERVICE TAP XFR'D, LONG	EACH	1	2,500.00	1,000.00	3,500.00	3,500.00	530.00	2,000.00	2,530.00	2,530.00
40	805	1-1/2" WATER SERVICE TAP XFR'D, LONG	EACH	1	2,000.00	1,000.00	3,000.00	3,000.00	790.00	2,000.00	2,790.00	2,790.00
41	805	1" WATER SERVICE TAP XFR'D, LONG	EACH	7	1,800.00	1,000.00	2,800.00	19,600.00	500.00	1,420.00	1,920.00	13,440.00
42	805	3/4" WATER SERVICE TAP XFR'D, LONG	EACH	55	1,500.00	1,000.00	2,500.00	137,500.00	500.00	1,450.00	1,950.00	107,250.00
43	805	1" PITOMETER TAP	EACH	2	800.00	450.00	1,250.00	2,500.00	1,000.00	3,060.00	4,060.00	8,120.00
44	805	CURB BOX	EACH	120	100.00	25.00	125.00	15,000.00	120.00	0.00	120.00	14,400.00
45	808	CUT AND PLUG 16" WATER LINE	EACH	4	900.00	700.00	1,600.00	6,400.00	960.00	2,000.00	2,960.00	11,840.00
46	809	FIRE HYDRANT, TYPE A SETTING	EACH	16	1,500.00	800.00	2,300.00	36,800.00	1,000.00	1,000.00	2,000.00	32,000.00

ENGINEER'S ESTIMATE =					\$3,600,53								
REF. NO.	SPEC. NO.	DESCRIPTION	UNIT	QTY	Complete General Construction Co. 1221 E. Fifth Ave., Columbus, Oh 43219				George J. Igel & Co. 2040 Alum Creek Dr., Columbus, Oh 43207				
					Material Unit	Labor Unit	Sum Unit	Extension Amount	Material Unit	Labor Unit	Sum Unit	Extension Amount	
47	809	FIRE HYDRANT, ABANDONED	EACH	13	300.00	200.00	500.00	6,500.00	210.00	500.00	710.00	9,230.00	
48	810	6" HYDRANT EXTENSIONS	EACH	5	450.00	200.00	650.00	3,250.00	235.00	100.00	335.00	1,675.00	
49	810	12" HYDRANT EXTENSIONS	EACH	5	500.00	200.00	700.00	3,500.00	275.00	100.00	375.00	1,875.00	
50	810	18" HYDRANT EXTENSIONS	EACH	5	530.00	200.00	730.00	3,650.00	310.00	100.00	410.00	2,050.00	
51	810	24" HYDRANT EXTENSIONS	EACH	5	570.00	200.00	770.00	3,850.00	350.00	100.00	450.00	2,250.00	
52	811	INCREASE OR DECREASE IN EXCAVATION AND BACKFILL	CY	100	20.00	20.00	40.00	4,000.00	0.00	17.00	17.00	1,700.00	
53	SPEC	1-1/2" WATER PIPE, PVC 200 PSI, SDR 21 (INC CORP STOP)	LF	5	100.00	50.00	150.00	750.00	60.00	100.00	160.00	800.00	
54	SPEC	2" WATER PIPE, PVC 200 PSI, SDR 21 (INC CORP STOP)	LF	20	70.00	30.00	100.00	2,000.00	25.00	28.00	53.00	1,060.00	
55	SPEC	SURVEY COORDINATES	LUMP	1	2,500.00	5,000.00	7,500.00	7,500.00	0.00	5,500.00	5,500.00	5,500.00	
Bidder's Subtotal									3,182,379.90				
Force Account (15% of Subtotal)									477,356.99				
<b>TOTAL PROJECT COSTS</b>									<b>\$ 3,659,736.89</b>				
% DIFFERENCE FROM ENGINEER'S ESTIMATE									2%	12%			
Bond Amount (Pg P-32)									\$450,000.00	\$403,579.00			
Bonding Company (Pg P-32)									Liberty Mutual Insurance	Ohio Farmers Insurance			
Proposal Bond Amount Required									\$365,973.69	\$403,579.05			
Contract Compliance No. (Pg P-2a)									31-4366382	31-4214570			
Non-Collusion Affidavit Completed? (Pg P-31)									Yes	Yes			
Local Vendor? (Pg P-3)									Yes	Yes			
Addendum Acknowledgement Completed? (Pg P-3)									Yes	Yes			
Proposal Affidavit Completed? (Pg P-36)									Yes	Yes			
					subs are C.C.				subs are C.C.				